Video: Tech/Trends Trivia

Mandatory Side Curtain Airbags

Suzuki Kazashi

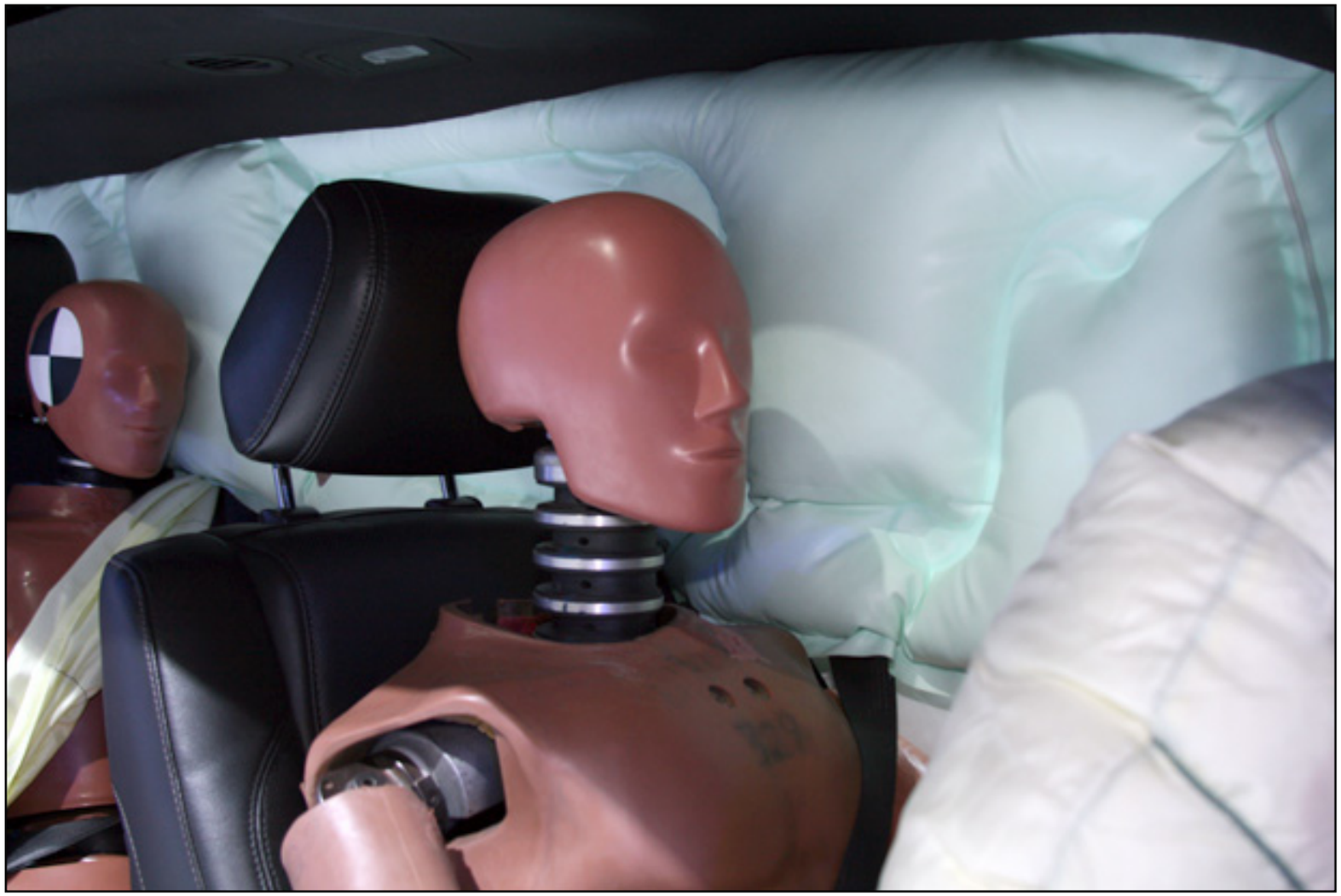
- Requirement for all new passenger vehicles by 2013
- Head and torso protection
- Side impact airbags are not mandated, but most vehicles are equipped

Better Curtain Airbags

Ford Explorer Cutaway

- Phase-in from 2013 to 2017
- FMVSS 226 Ejection Mitigation
- Larger to cover window opening
- Stay inflated six seconds
- Thicker
- Tethered near base

Better Curtain Airbags (cont'd)



- First curtains to deploy in rollover on Ford Explorer
  - "safety canopy"
- 2013 Ford Escape curtains stay deployed six seconds

Brake Throttle Override Systems

- NHTSA proposed rule
- Most 2012 vehicles already equipped
- Much-publicized claims against Toyota prompted trend
  - floor mats entrapping pedal determined as cause

Standard Event Data Recorders

Event Data Recorders

This vehicle is equipped with an event data recorder (EDR).
record, in certain crash or near crash-like situations, such a
road obstacle, data that will assist in understanding how a
is designed to record data related to vehicle dynamics and
time, typically 30 seconds or less. The EDR in this vehicle is

- How various systems in your vehicle were operating;
- Whether or not the driver and passenger safety belts
- How far (if at all) the driver was depressing the accele
- How fast the vehicle was traveling.

From Cadillac ATS Owner's Manual

- **NHTSA rule for 2013 and newer vehicles**
- **Must record 15 data elements**
- **Makes retrieval of data easier, but must have vehicle owner's consent**
- **Must include statement in owner's manual**

NHTSA Rearview Camera Requirement

- All passenger vehicles by 2014
- Provides view behind rear bumper
- Considered better than park-assist sensors
- Also offer partial view of blind spot